RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
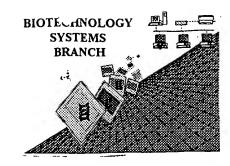BRANCH

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _09/978,191_

Source: _OIPE_

Date Processed by STIC: _11/1/2001_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.
Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
http://www.uspto.gov/web/offices/pac/checker

__ERROR DETECTED__   __SUGGESTED CORRECTION__   SERIAL NUMBER: _09/978,191_

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOF

1_____Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2_____Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3_____Misaligned Amino Numbering	The numbering under each 5ᵗʰ amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4_____Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5_____Variable Length	Sequence(s)_____contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6_____PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7_____Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8_____Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9_____Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
10_____Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
11_____Use of <220>	Sequence(s) _157_ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12_____PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13_____Misuse of n	n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.	

AMC/MH – Biotechnology Systems Branch – 08/21/2001

OIPE

RAW SEQUENCE LISTING   DATE: 11/01/2001
PATENT APPLICATION: US/09/978,191 TIME: 10:56:32

Input Set : **A:\sequence_listing_for_P2630P1C4.wpd**
Output Set: **N:\CRF3\11012001\I978191.raw**

pp. 4, 6

*Does Not Comply
Corrected Diskette Needed*

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 3 <110> APPLICANT: Ashkenazi, Avi
 4         Baker Kevin P.
 5         Botstein, David
 6         Desnoyers, Luc
 7         Eaton, Dan
 8         Ferrara, Napoleon
 9         Filvaroff, Ellen
10         Fong, Sherman
11         Gao, Wei-Qiang
12         Gerber, Hanspeter
13         Gerritsen, Mary E.
14         Goddard, Audrey
15       · Godowski, Paul J.
16         Grimaldi, J. Christopher
17         Gurney, Austin L.
18         Hillan, Kenneth J
19         Kljavin, Ivar J.
20         Kuo, Sophia S.
21         Napier, Mary A.
22         Pan, James;
23         Paoni, Nicholas F.
24         Roy, Margaret Ann
25         Shelton, David L.
26         Stewart, Timothy A.
27         Tumas, Daniel
28         Williams, P. Mickey
29         Wood, William I.
31 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
32         Acids Encoding the Same
34 <130> FILE REFERENCE: P2630P1C4
36 <140> CURRENT APPLICATION NUMBER: US/09/978,191
36 <141> CURRENT FILING DATE: 2001-10-15
36 <150> PRIOR APPLICATION NUMBER: 09/918585
37 <151> PRIOR FILING DATE: 2001-07-30
39 <150> PRIOR APPLICATION NUMBER: 60/062250
40 <151> PRIOR FILING DATE: 1997-10-17
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43 <151> PRIOR FILING DATE: 1997-11-03
45 <150> PRIOR APPLICATION NUMBER: 60/065311
46 <151> PRIOR FILING DATE: 1997-11-13
48 <150> PRIOR APPLICATION NUMBER: 60/066364
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54 <150> PRIOR APPLICATION NUMBER: 60/077632
55 <151> PRIOR FILING DATE: 1998-03-11
57 <150> PRIOR APPLICATION NUMBER: 60/077641
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OK→

RAW SEQUENCE LISTING   DATE: 11/01/2001
PATENT APPLICATION: US/09/978,191   TIME: 10:56:32

Input Set : A:\sequence_listing_for_P2630P1C4.wpd
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RAW SEQUENCE LISTING   DATE: 11/01/2001
PATENT APPLICATION: US/09/978,191   TIME: 10:56:33

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RAW SEQUENCE LISTING   DATE: 11/01/2001
PATENT APPLICATION: US/09/978,191   TIME: 10:56:33

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Output Set: N:\CRF3\11012001\I978191.raw

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W--> (handwritten annotations near line 244:) 1998-05-07 ← use this date format (also, no spaces permitted between dashes) Please correct similar errors in subsequent <151> responses.

RAW SEQUENCE LISTING   DATE: 11/01/2001
PATENT APPLICATION: US/09/978,191   TIME: 10:56:33

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Output Set: N:\CRF3\11012001\I978191.raw

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<210> 157
<211> 412
<212> PRT
<213> Artificial
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see item 11 on Eva Summary Sheet

```
<400> 157
 Met Gly Leu His Leu Arg Pro Tyr Arg Val Gly Leu Leu Pro Asp
  1               5                  10                  15
```

Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
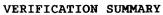each sequence using n or Xaa.

Input Set : **A:\sequence_listing_for_P2630P1C4.wpd**
Output Set: **N:\CRF3\11012001\I978191.raw**

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L:36   M:270 C: Current Application Number differs, Replaced Current Application No
L:36   M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:244  M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:370  M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:445  M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:978  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:980  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:992  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:1012 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1014 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1016 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1018 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1020 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1024 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1026 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1041 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:1043 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
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L:1552 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
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L:1556 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:1741 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1743 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
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L:1811 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:3382 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
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L:3400 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
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L:5050 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118
L:5052 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118
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L:5920 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:144
L:6192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:151
L:6196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:151
L:6223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:152
L:6225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:152
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Input Set : **A:\sequence_listing_for_P2630P1C4.wpd**
Output Set: **N:\CRF3\11012001\I978191.raw**

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L:6389 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:6389 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:7713 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191
L:7719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191
L:7729 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191
L:8724 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:215
L:10653 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265
L:10655 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265
L:10657 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265